

Hands on Habitat

Commonwealth of Pennsylvania

What Are the Problems?

- **Diadromous (migratory) fish runs**
Almost all of Pennsylvania's rivers and streams contain barriers to fish passage.
- **Freshwater spawning habitat**
Most of Pennsylvania's migratory fish spawning habitats have been degraded or altered by human activity.
- **Coastal estuaries** Non-point source pollution – such as leaks from septic tanks and runoff from roads, parking lots, and industrial areas – severely threatens the Commonwealth's coastal estuaries.

Background

Pennsylvania's streams provide productive and diverse habitats for finfish, shellfish, and other wildlife. For example, upstream freshwater reaches provide critical spawning and nursery habitats for migratory fish species. Due to increased commercial and residential development, abandoned stream structures that block fish migration, and the introduction of invasive plants and animals, restoration needs within Pennsylvania are greater than ever.

What We Do

- Enhance fish passage by removing dams or installing fish ladders
- Restore spawning habitats for migratory fish
- Restore wetland and streambank habitat at critical locations
- Educate communities about the value of habitat and restoration

How We Do It

NOAA's Community-based Restoration Program (CRP) achieves science-based habitat restoration through community involvement and stewardship. We build powerful partnerships among Pennsylvania's public, private, and non-profit organizations. Our projects continually demonstrate the benefits and



effectiveness of locally based habitat conservation in Pennsylvania.

Our Accomplishments

Since 2000, we have:

- Awarded more than \$1 million and leveraged nearly \$3.1 million
- Funded 31 projects
- Completed 17 projects
- Opened more than 200 stream miles
- Engaged roughly 2,200 volunteers for 4,800 service hours through partner-led activities

Our Partners

NOAA works with 38 local, private, and public partners in Pennsylvania, including Trout Unlimited, American Rivers, National Fish and Wildlife Foundation, the Brandywine Conservancy, FishAmerica Foundation, Pennsylvania Department of Environmental Protection, and Pennsylvania Fish and Boat Commission.

Our Focus

Remove threats to Pennsylvania's rich coastal resources from river barriers, degraded stream corridors, and urban development

Contact

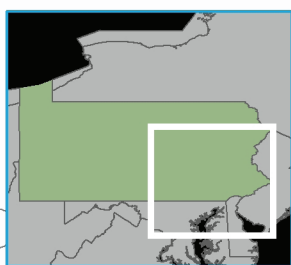
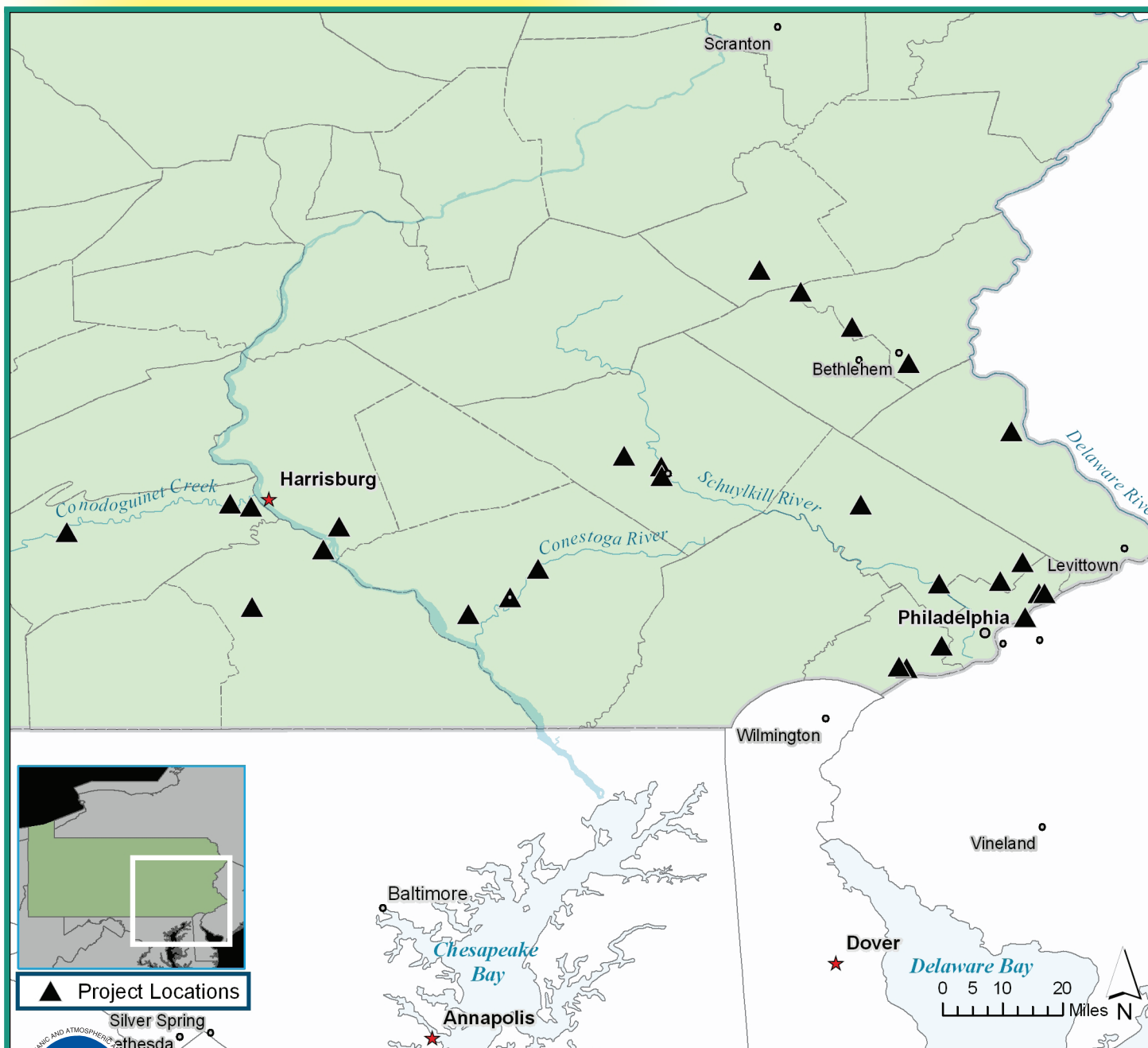
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NOAA's Community-based Restoration Program (CRP)

Commonwealth of Pennsylvania



▲ Project Locations

Silver Spring
Bethesda



SELECT COMMUNITY-BASED RESTORATION PROJECTS:

Conodoguinet Creek Dam Removal, Newville

Goldsboro Dam Removal, Goldsboro

Good Hope Dam Removal, Hampden

Heischman's Mill Fish Passage, Carlisle

Iron Stone Mine Dam Removal, Lancaster

Little Conestoga Creek Dam Removal and Stream Restoration, Manor Township

Mill Creek Comprehensive Dam Removal, Lancaster

Mohnton Dam Removal, Shilington

Pennypack Creek Anadromous Fish Passage Project, Philadelphia

Ridley Creek Dam Removal, Chester

Wyomissing Creek Restoration, Reading